

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	"6134461" and ferrocene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:57
L2	4	"6340428" and ferrocene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:01
L3	92	"4711245" and ferrocene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:01
L4	4	"4711245" and ferrocene near3 carboxyl\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:05
L5	81	"5262035" and glucose near dehydrogenase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:06
L6	42	L5 and ferrocene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:07
L7	0	L5 and ferrocene near carboxyl\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:08
L8	73	L and ferrocene near carboxyl\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:08
L9	92	3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:08
L10	0	L3 and ferrocene near carboxylic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:37
L11	142	"4711245"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:57
L12	53345	electrode near4 (working or counter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:58

L13	1	L12 and oxidoreducase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:59
L14	233	L12 and AC near3 potential	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:59
L15	12	L14 and glucose near3 oxidase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:59
L16	3	L15 and ferrocene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:00
L17	1400	L12 and glucose near3 oxidase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:00
L18	484	L17 and ferrocen\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:01
L19	306	L18 and interfer\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:01
L20	258	L19 and redox	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:32
L21	0	L20 and impeddance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:32
L22	96	L20 and impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:39
L23	1	L22 and (ferrocenecarbox\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:41
L24	93	L22 and (\$ferrocene)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:53

L25	93	electrode and (ferrocenecarboxy\$ or carboxyferrocene or ferrocene near3 monocarboxy\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:55
L26	47	L25 and (glucose near4 oxidase or glucose near4 dehydrogenase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:55
L27	40	L26 and (working or counter near4 electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:56

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	418466	AC or DC near4 potential	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:28
L2	49874	L1 and impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:28
L3	18894	L2 and central or redox near4 potential	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:29
L4	376	L2 and (central or redox) near4 potential	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:29
L5	52	L4 and glucose near4 oxidase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:30
L6	28	L5 and ferrocene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:33
L7	28	L6 and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:33

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(FILE 'HOME' ENTERED AT 13:21:43 ON 07 DEC 2005)

FILE 'REGISTRY' ENTERED AT 13:22:29 ON 07 DEC 2005

L1 1 SEA ABB=ON PLU=ON 1271-42-7/RN  
L2 1 SEA ABB=ON PLU=ON 81669-60-5/RN  
L3 1 SEA ABB=ON PLU=ON 9001-37-0/RN

FILE 'BIOSIS, CA, CAPLUS, CANCERLIT, AGRICOLA, NIOSHTIC, DISSABS, SCISEARCH, CABA' ENTERED AT 13:25:59 ON 07 DEC 2005

FILE 'REGISTRY' ENTERED AT 13:26:10 ON 07 DEC 2005

SET SMARTSELECT ON  
L4 SEL PLU=ON L1 1- CHEM : 10 TERMS  
SET SMARTSELECT OFF

FILE 'BIOSIS, CA, CAPLUS, CANCERLIT, AGRICOLA, NIOSHTIC, DISSABS, SCISEARCH, CABA' ENTERED AT 13:26:11 ON 07 DEC 2005

L5 2128 SEA ABB=ON PLU=ON L4

FILE 'REGISTRY' ENTERED AT 13:26:53 ON 07 DEC 2005

SET SMARTSELECT ON  
L6 SEL PLU=ON L2 1- CHEM : 14 TERMS  
SET SMARTSELECT OFF

FILE 'BIOSIS, CA, CAPLUS, CANCERLIT, AGRICOLA, NIOSHTIC, DISSABS, SCISEARCH, CABA' ENTERED AT 13:26:54 ON 07 DEC 2005

L7 8079 SEA ABB=ON PLU=ON L6

FILE 'REGISTRY' ENTERED AT 13:27:58 ON 07 DEC 2005

SET SMARTSELECT ON  
L8 SEL PLU=ON L3 1- CHEM : 33 TERMS  
SET SMARTSELECT OFF

FILE 'BIOSIS, CA, CAPLUS, CANCERLIT, AGRICOLA, NIOSHTIC, DISSABS, SCISEARCH, CABA' ENTERED AT 13:27:59 ON 07 DEC 2005

L9 37954 SEA ABB=ON PLU=ON L8  
L10 14 SEA ABB=ON PLU=ON L5 AND L7 AND L9  
L11 6 DUP REM L10 (8 DUPLICATES REMOVED)  
D L11 IBIB ABS 1-6

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 DEC 2005 HIGHEST RN 869462-96-4

DICTIONARY FILE UPDATES: 6 DEC 2005 HIGHEST RN 869462-96-4

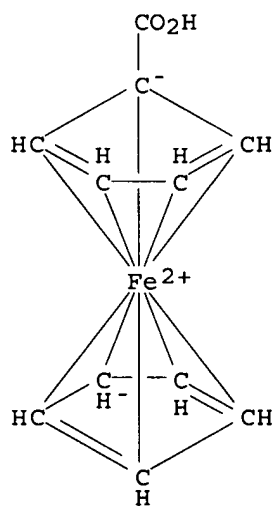
New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

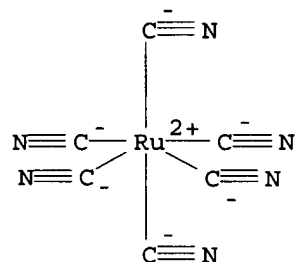
\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\*

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 1271-42-7 REGISTRY  
 CN Ferrocene, carboxy- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Ferrocenecarboxylic acid (8CI)  
 CN Iron, (carboxycyclopentadienyl)cyclopentadienyl- (6CI)  
 OTHER NAMES:  
 CN Carboxyferrocene  
 CN Carboxylferrocene  
 CN Cyclopentadienecarboxylic acid, cyclopentadienyliron deriv.  
 CN Ferrocenemonocarboxylic acid  
 CN Ferrocenoic acid  
 CN Ferrocenylcarboxylic acid  
 CN NSC 97552  
 DR 119390-45-3  
 MF C11 H10 Fe O2  
 CI CCS, COM  
 LC STN Files: ANABSTR, BIOBUSINESS, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS,  
 CASREACT, CHEMCATS, CHEMLIST, CSCHEM, GMELIN\*, HODOC\*, IFICDB, IFIPAT,  
 IFIUDB, MEDLINE, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 CMBI (Combinatorial study); OCCU (Occurrence); PREP (Preparation); PROC  
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);  
 NORL (No role in record)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
 study); BIOL (Biological study); PREP (Preparation); RACT (Reactant or  
 reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
 study); FORM (Formation, nonpreparative); PREP (Preparation); PROC  
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);  
 NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
 study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP  
 (Properties); RACT (Reactant or reagent); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 21029-33-4 REGISTRY  
 CN Ruthenate(4-), hexakis(cyano-κC)-, (OC-6-11)- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Ruthenate(4-), hexacyano- (8CI)  
 CN Ruthenate(4-), hexakis(cyano-C)-, (OC-6-11)-  
 OTHER NAMES:  
 CN Hexacyanoruthenate ion(4-)  
 CN Hexacyanoruthenate(4-)  
 CN **Hexacyanoruthenate(II)**  
 CN Hexacyanoruthenium(4-)  
 MF C6 N6 Ru  
 CI CCS, COM  
 LC STN Files: CA, CAPLUS, GMELIN\*, MEDLINE, PIRA, TOXCENTER, USPAT2,  
 USPATFULL  
 (\*File contains numerically searchable property data)  
 DT.CA Caplus document type: Conference; Journal; Patent; Preprint; Report  
 RL.P Roles from patents: ANST (Analytical study); FORM (Formation,  
 nonpreparative); PROC (Process); RACT (Reactant or reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
 study); FORM (Formation, nonpreparative); PREP (Preparation); PROC  
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
 RLD.NP Roles for non-specific derivatives from non-patents: PRP (Properties);  
 RACT (Reactant or reagent)



**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

150 REFERENCES IN FILE CA (1907 TO DATE)  
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 150 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 81669-60-5 REGISTRY  
CN Dehydrogenase, glucose (pyrroloquinoline-quinone) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN  $\beta$ -D-Glucose dehydrogenase  
CN D-Glucose dehydrogenase  
CN E.C. 1.1.99.17  
CN GlucDor  
CN Glucose dehydrogenase  
CN Glucose dehydrogenase (PQQ dependent)  
CN Glucose dehydrogenase (pyrroloquinoline quinone)  
CN PQQ glucose dehydrogenase  
CN PQQ-dependent glucose dehydrogenase  
CN Pyrroloquinoline quinone glucose dehydrogenase  
CN Pyrroloquinoline quinone-dependent glucose dehydrogenase  
CN Quinoprotein D-glucose dehydrogenase  
CN Quinoprotein glucose dehydrogenase  
MF Unspecified  
CI MAN  
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, CA, CAPLUS,  
CEN, CIN, PIRA, PROMT, TOXCENTER, USPAT2, USPATFULL  
DT.CA Caplus document type: Conference; Dissertation; Journal; Patent  
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
reagent); USES (Uses)  
RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
study); BIOL (Biological study); PREP (Preparation); PRP (Properties);  
USES (Uses)  
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP  
(Preparation); PROC (Process); PRP (Properties); USES (Uses)  
RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
study); BIOL (Biological study); OCCU (Occurrence); PROC (Process); PRP  
(Properties); RACT (Reactant or reagent); USES (Uses)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

276 REFERENCES IN FILE CA (1907 TO DATE)  
16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
276 REFERENCES IN FILE CAPLUS (1907 TO DATE)



L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 9001-37-0 REGISTRY

CN Oxidase, glucose (9CI) (CA INDEX NAME)

OTHER NAMES:

CN  $\beta$ -D-Glucose oxidase

CN  $\beta$ -D-Glucose:quinone oxidoreductase

CN Bakezyme GO 1500

CN Corylophyline

CN D-Glucose oxidase

CN D-Glucose-1-oxidase

CN De-oxin

CN Deoxin-1

CN E.C. 1.1.3.4

CN Fermizyme GO 1500

CN Fermizyme GO-10000

CN Glucose 1-oxidase

CN Glucose aerodehydrogenase

CN **Glucose oxidase**

CN Gluzyme

CN Gluzyme 2500 BG

CN Gluzyme 500 MG

CN Gluzyme Mono 10,000BG

CN Grindamyl S 757

CN Hyderase

CN Hyderase 15

CN Hyderase HC

CN Microcid

CN Notatin

CN Novozym 37007

CN Novozym 771

CN Oxygo

CN Oxygo 1500

CN Penatin

CN Sigma G 7016

CN SynthaCLEC-GO

DR 9051-05-2

MF Unspecified

CI COM, MAN

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,  
CA, CABA, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN,  
CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA,  
MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, PIRA, PROMT, RTECS\*, TOXCENTER,  
USPAT2, USPATFULL

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent;  
Preprint; Report

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
CMBI (Combinatorial study); FORM (Formation, nonpreparative); MSC  
(Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process);  
PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role  
in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP  
(Properties); RACT (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU  
(Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT  
(Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
study); BIOL (Biological study); MSC (Miscellaneous); PREP  
(Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
reagent); USES (Uses)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

9531 REFERENCES IN FILE CA (1907 TO DATE)

851 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

9549 REFERENCES IN FILE CAPLUS (1907 TO DATE)